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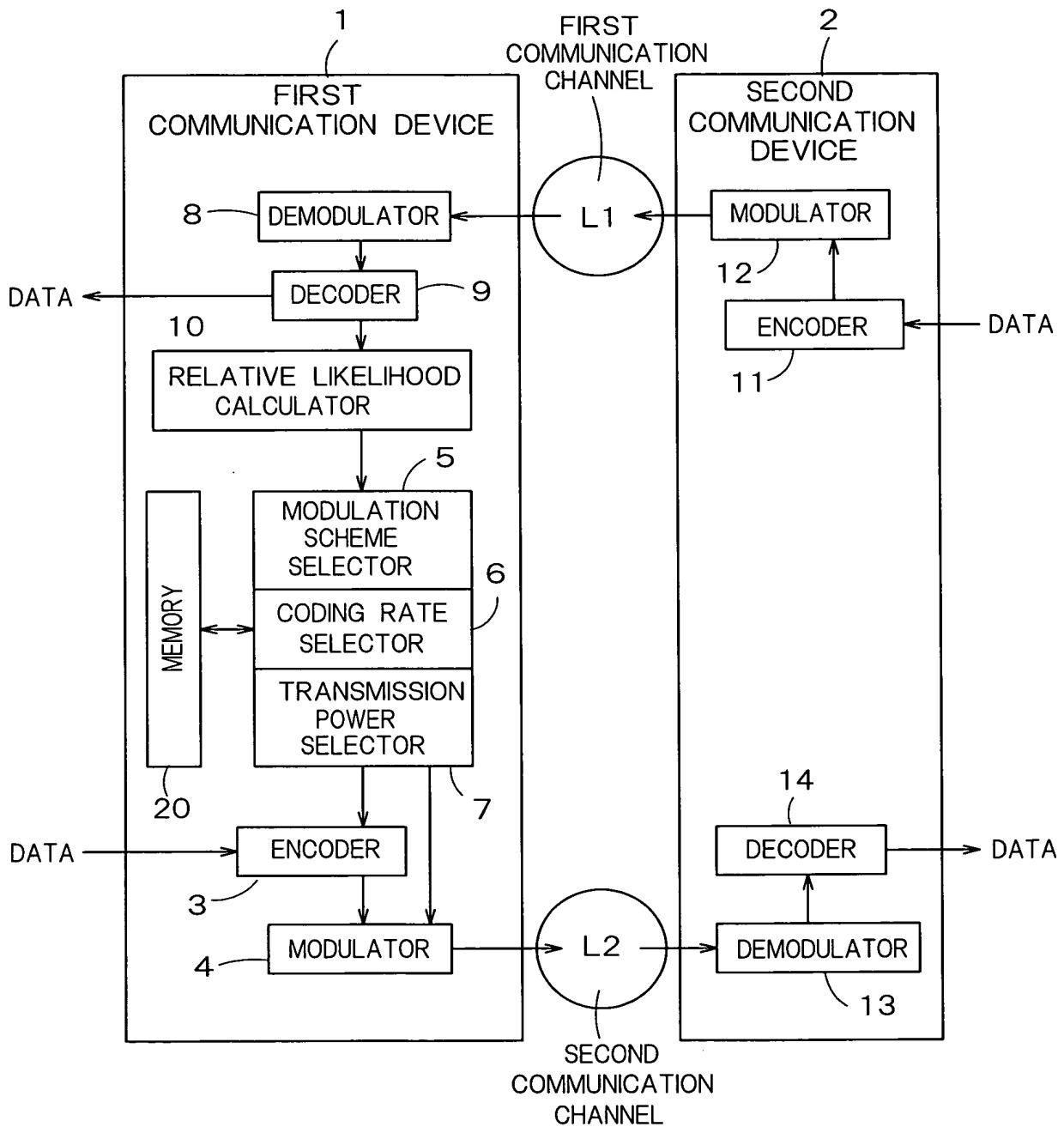


FIG. 1

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CANDIDATE SEQUENCE1 : 0000
LIKELIHOOD OF
CANDIDATE SEQUENCE1 : 31

CANDIDATE SEQUENCE2 : 0101
LIKELIHOOD OF
CANDIDATE SEQUENCE2 : 1

CANDIDATE SEQUENCE3 : 0110
LIKELIHOOD OF
CANDIDATE SEQUENCE3 : 5

CANDIDATE SEQUENCE4 : 0011
LIKELIHOOD OF
CANDIDATE SEQUENCE4 : 3

$$\begin{aligned} \text{RELATIVE LIKELIHOOD} &: 31 - (1+5+3)/3 \\ &= 28 \end{aligned}$$

28 > 15 : THRESHOLD VALUE

MODULATION SCHEME : HIGH DATA RATE

CODING RATE : HIGH

TRANSMISSION POWER : OMIT

CANDIDATE SEQUENCE1 : 0000
LIKELIHOOD OF
CANDIDATE SEQUENCE1 : 15

CANDIDATE SEQUENCE2 : 0101
LIKELIHOOD OF
CANDIDATE SEQUENCE2 : 12

CANDIDATE SEQUENCE3 : 0110
LIKELIHOOD OF
CANDIDATE SEQUENCE3 : 6

CANDIDATE SEQUENCE4 : 0011
LIKELIHOOD OF
CANDIDATE SEQUENCE4 : 9

$$\begin{aligned} \text{RELATIVE LIKELIHOOD} &: 15 - (12+6+9)/3 \\ &= 6 \end{aligned}$$

6 < 15 : THRESHOLD VALUE

MODULATION SCHEME : LOW DATA RATE

CODING RATE : LOW

TRANSMISSION POWER : LARGE

F I G. 2A

F I G. 2B

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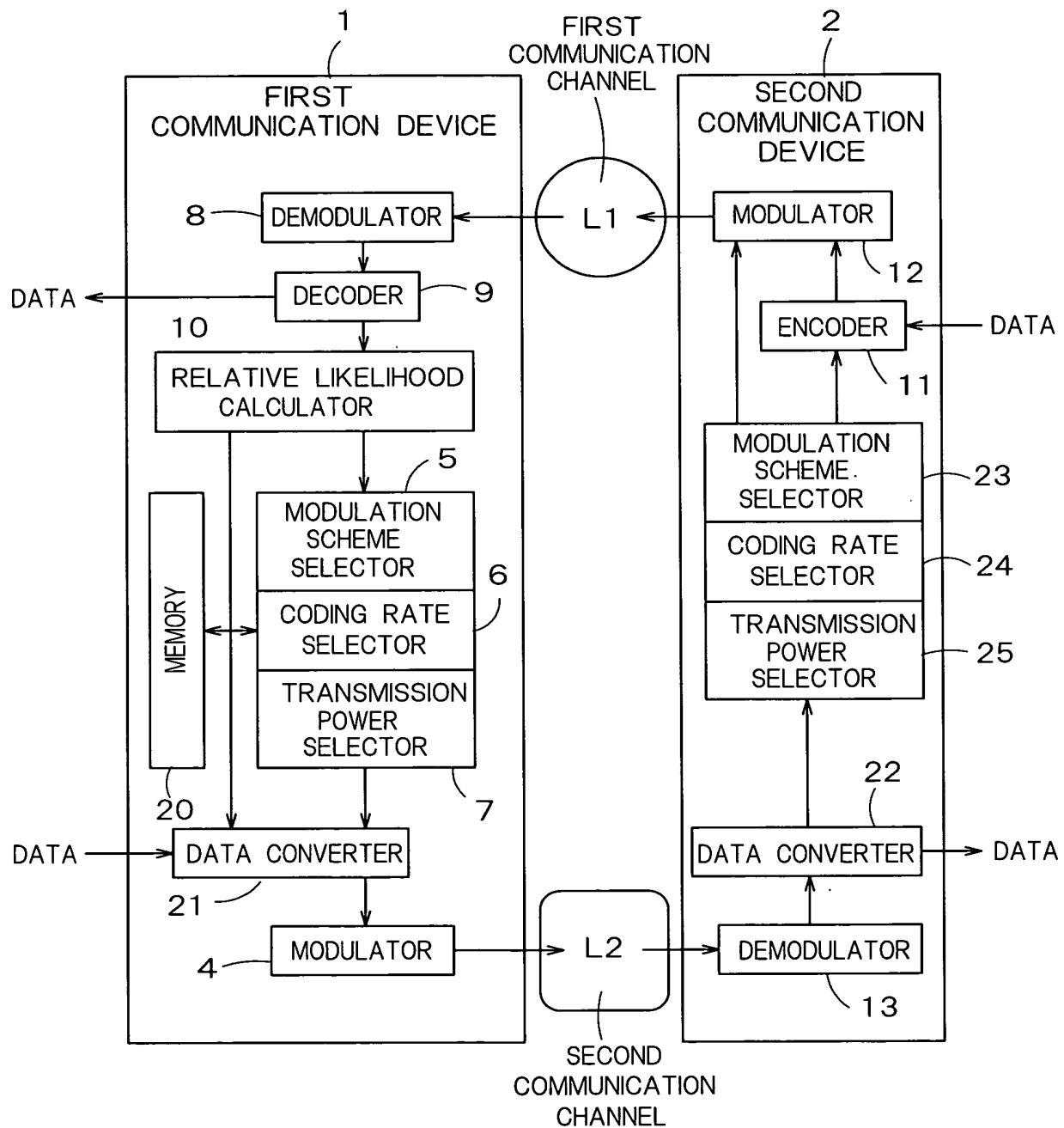


FIG. 3